Special Issue

Decoding the Tumor-Immune Intersection: Opportunities for Breakthroughs in Cancer Therapies

Message from the Guest Editor

As eve-catching headlines about cancer immunotherapy continue to emerge, transforming the landscape of cancer treatment, many advanced cancers remain incurable. Not long ago, cancer biology and immunology were considered separate fields. However, groundbreaking evidence now shows that oncogenic and oncometabolic pathways have a significant impact on the immune system and influence the effectiveness of immunotherapy. Conversely, immune cells also modulate cancer cell signaling and tumor responses to chemotherapy and targeted therapies. Therefore, integrating therapies that target the interface between cancer and immune cells is likely to overcome the limitations of current treatments focused on either type alone. This Special Issue of Cells will highlight the fundamental mechanisms of tumor-immune interactions and feature therapeutic strategies that could harness these interactions to enhance current cancer therapies. It will include a collection of original research articles, reviews, and communications.

Guest Editor

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. Cells encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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